

## Biosolids Certification Guidance

Listed below are some common certifications required for biosolid analyses. Table 4-6 includes additional methods, which may or may not apply to specific facilities. There are many treatment options available for biosolids. The facility must determine which methods are applicable based upon: method of disposal, biosolid class and alternative, etc.

- Biosolids sample preparation, EPA/625/R-92/013 Appendix F. This appendix also includes how to perform biosolid calculations.
- Fecal coliform, SM 9221 E. Fecal coliform MPN procedure (strongly recommended) or SM 9222 D. Fecal coliform membrane filter procedure.
- Total solids, SM 2540 G. Total, fixed, and volatile solids in solid and semisolid samples.
- Other inorganic parameters (metals, nitrogen, pH, etc.) Table 4-6 Analytical Methods, EPA 833-R-95-001. Part 503 Implementation Guidance, October 1995. Photocopy is included for your convenience.

### References:

- 1.) EPA/625/R-92/013. Environmental Regulations and Technology: Control of Pathogens and Vector Attraction in Sewage Sludge (Including Domestic Septage) Under 40 CFR Part 503. Revised July 2003.
- 2.) 40 Code of Federal Regulations, Part 503.
- 3.) EPA 833-R-95-001. Part 503 Implementation Guidance, October 1995.

If you have questions regarding Biosolids, please contact the Laboratory Certification Office at (803) 896-0970.